

PATENT ABSTRACTS OF JAPAN

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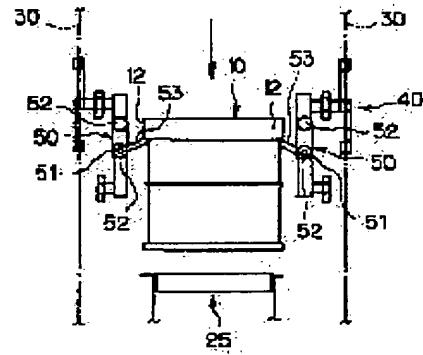
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(54) STACKING DEVICE AND TRANSFER DEVICE

(57)Abstract:

PURPOSE: To enhance the processing ability and the durability by furnishing a hook which is displaced to the attitude to hold an object on the elevation side of the circulating path of an endless chain and also to the attitude to release the object on the sink side.

CONSTITUTION: A hook 50 of a clamp unit 40 moved to the incoming side of the circulating path of an endless chain 30 is swung in the specified direction centering on a pin 51 and displaced to the holding attitude with a guide roller 52 guided by a guide plate and held in such a way as hitching a case 10 while the detention part 53 is detained with a projection 12 on the case 10 on a draw-in conveyor in association with the clamp unit 40. When the clamp unit 40 is moved to the outgoing side of the circulating path of the chain 30 and sinks toward an inter-device conveyor 25, the case 10 held by the hook 50 is placed on the inter-device conveyor 25, and the detention part 53 of the hook 50 separates from the projection 12.



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